

Webinars

Title	Day/Date	Time
Accessing the SHRP 2 Safety Data: User Responsibilities and Access Procedures	Monday, July 27	12:00 PM -2:00 PM
Using Winter Severity Indices for Winter Maintenance Performance Management	Wednesday, July 29	12:00 PM – 1:30 PM
Transportation Revenue Forecasting in the States	Thursday, August 13	12:00 PM – 1:30 PM
Flexible Pavement Preservation – Research Results	Tuesday, August 18	12:00 PM – 1:30 PM
Innovative Intersections for Pedestrians and Bicycles	Wednesday, Aug 19	11:00 AM – 1:00 PM
Connected Vehicle Tracking to Improve Operational Efficiency	Wednesday, Aug 26	12:00 PM – 1:30 PM
Seismic Pushover Analysis Using AASHTO Guide Specifications for Load and Resistance Factor Design (LRFD) Seismic Bridge Design	Monday, August 31	11:00 AM – 1:00 PM
Develop Your Signature Voice	On Demand	On Demand
Managing Conflicts in Teams	On Demand	On Demand
Great Leaders Grow: The Four Keys to Becoming a Leader for Life	On Demand	On Demand

*Webinars are open to all interested employees to view from your own computer. Please register individually for TRB and NHI webinars before the presentation date. Register instantly for on-demand webinars, which may be viewed at your convenience. Contact Joni DeMille at jdemille@utah.gov with any questions.

SCROLL DOWN FOR WEBINAR DETAILS...

July - August 2015

Live TRB Engineering Webinars

Monday, July 27

12:00 PM – 2:00 PM

Accessing the SHRP 2 Safety Data: User Responsibilities and Access Procedures

This webinar describes how to access TRB's second Strategic Highway Research Program's (SHRP 2) Naturalistic Driving Study (NDS) safety data and the responsibilities that users have with protecting personally identifiable information of volunteers who participated in the study. Professional Development Hours will not be provided for this webinar, and there is no fee to attend this session.

The [SHRP 2 NDS database](#) contains real-time, in-vehicle information gathered from more than 3,500 volunteer drivers in six sites across the United States. In total, the database contains 5.5 million trips covering almost 33 million vehicle miles over 4,300 vehicle years.

The webinar will summarize the role of the Institutional Review Board and provide database users with guidance to help them protect personally identifiable information. The webinar will explore how users may access the data and what licensing procedures are involved.

TRB conducted a webinar on March 11, 2014 about the SHRP 2 Naturalistic Driving Study (NDS). It is recommended to view the [recorded webinar](#) in advance. The [slides from the March 11, 2014 webinar](#) are available online.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172831.aspx>

~~~~~  
Wednesday, July 29

12:00 PM – 1:30 PM

### **Using Winter Severity Indices for Winter Maintenance Performance Management**

This webinar will share experiences from transportation agencies that have successfully developed a methodology for Winter Severity Indices (WSI) and have used it to measure and report performance. Three speakers—two from two state departments of transportation and a representative from Canada—will present their respective agency's approach.

Assessing the performance of winter maintenance activities continues to be challenging for many state and local agencies. One of the primary challenges stems from the difficulty in comparing performance between events, regions, and seasons. Creating a winter severity index is one way to allow for a consistent approach to normalizing performance at an agency.

This webinar was organized by the TRB Standing Committee on Winter Maintenance.

Participants must register in advance of the webinar. A certificate for 1.5 Professional Development Hours (PDHs) will be provided to attendees who register and attend the webinar as an individual.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172534.aspx>

~~~~~

Thursday, August 13

12:00 PM – 1:30 PM

Transportation Revenue Forecasting in the States

This webinar will present the results of [NCHRP Synthesis 479: Forecasting Transportation Revenue Sources: Survey of State Practices](#). This synthesis features a survey of all state departments of transportation and documents current methods of revenue forecasting.

States are facing a transportation funding crisis with diminished purchasing power. The revenue received from motor fuel taxes cannot sustain future transportation investments. However, a few states have developed innovative approaches to forecasting future revenue. This webinar will explore the current state of the practice regarding revenue forecasting. Panelists will highlight current and proposed forecasting methodologies, as well as some of the shortcomings of methods as reported by state departments of transportation (DOTs).

Participants must register in advance of the webinar. A certificate for 1.5 Professional Development Hours (PDHs) will be provided to attendees who register and attend the webinar as an individual. This webinar is pending approval by the American Institute of Certified Planners for 1.5 Certification Maintenance Credits.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172644.aspx>

~~~~~

Tuesday, August 18

12:00 PM – 1:30 PM

## **Flexible Pavement Preservation – Research Results**

This webinar will cover ongoing and recently completed work in flexible pavement preservation. Webinar presenters will discuss the development of a field test for acceptance of chip seals, Otta Seals (a new technology for many state agencies), and performance-related specifications for chip seals.

This webinar was organized by the TRB Standing Committee on Pavement Preservation.

Participants must register in advance of the webinar, and there is a fee for non-TRB Sponsor or non-TRB Sustaining Affiliate employees. A certificate for 1.5 Professional Development Hours (PDHs) will be provided to attendees who register and attend the webinar as an individual.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172709.aspx>

~~~~~

Wednesday, August 19

11:00 AM – 1:00 PM

Innovative Intersections for Pedestrians and Bicycles

This webinar will examine how to integrate pedestrian and bicycle facilities into innovative intersection designs, such as diverging diamond interchanges and superstreets. Webinar presenters will also cover how conventional intersection design may be reinvented for non-motorized users.

This webinar was organized by the TRB Standing Committee on Operational Effects of Geometrics.

Participants must register in advance of the webinar. A certificate for two Professional Development Hours (PDHs) will be provided to attendees who register and attend the webinar as an individual. This webinar is pending approval by the American Institute of Certified Planners for two Certification Maintenance Credits.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172710.aspx>

~~~~~

Wednesday, August 26

12:00 PM – 1:30 PM

## **Connected Vehicle Tracking to Improve Operational Efficiency**

This webinar will focus on using information from connected vehicles to provide data for improved operational efficiency. Webinar presenters will discuss how telematic information, such as vehicle location, engine diagnostic codes, snow plow operation details, Antilock Brake Systems (ABS) activation, differential wheel speeds, and camera images/pictures are used.

This webinar was organized by the TRB Standing Committee on Maintenance Equipment. TRB is hosting this webinar in partnership with the [National Operations Center of Excellence](#).

Participants must register in advance of the webinar. A certificate for 1.5 Professional Development Hours (PDHs) will be provided to attendees who register and attend the webinar as an individual. This webinar is pending approval by the American Institute of Certified Planners for 1.5 Certification Maintenance Credits.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172781.aspx>

~~~~~

Monday, August 31
11:00 AM – 1:00 PM

Seismic Pushover Analysis Using AASHTO Guide Specifications for Load and Resistance Factor Design (LRFD) Seismic Bridge Design

This webinar will cover the lateral force-displacement relationship of bridge substructure units. This webinar is an abbreviated version of a workshop that focused on the flexural mechanics of pushover analysis and the methods that can be used to check computer-generated results by hand. The webinar will provide guidance for designing earthquake-resisting bridge elements and systems; including prescriptive detailing for plastic hinging regions and design requirements for capacity protection of those elements that should not experience damage.

In January 2014, the TRB Standing Committee on Seismic Bridge Design (AFF50) hosted a workshop on the development of the seismic force-displacement response (pushover analysis) of bridge piers. Two half-day sessions were presented to demonstrate the fundamental mechanics and application of the pushover methodology. The workshop included methods for checking computer-generated results by hand, as well as a step-by-step detail analysis of two sample bridge pier models. Lastly, performance-based seismic design concepts were introduced as they relate to seismic pushover analysis.

This webinar was organized by the TRB Standing Committee on Seismic Bridge Design.

Participants must register in advance of the webinar. A certificate for two Professional Development Hours (PDHs) will be provided to attendees who register and attend the webinar as an individual.

Registration Link:

<http://www.trb.org/Calendar/Blurbs/172783.aspx>

On-Demand Business Webinars

Choose any convenient time for these; plan for one hour

Develop Your Signature Voice

People are drawn to and influenced by leaders who communicate authentically, easily, and effectively. How do you become one of these leaders? You need to have a “signature voice”—a means of self-expression that is uniquely and distinctly your own. Once you discover and express this voice, you won’t believe the impact you can have on those around you.

In this interactive Harvard Business Review webinar, Amy Jen Su and Muriel Wilkins—co-authors of *Own the Room*—share a compelling framework for developing your powerful personal presence.

Link to Recording:

<https://hbr.org/2013/05/develop-your-signature-voice.html>

~~~~~

## Managing Conflicts in Teams

Conflicts are inevitable. Left unchecked, they drag your team down. You don't have time for that. The good news is there are proven ways to manage conflicts—and keep your team focused on your goals.

In this webinar, Dr. Lindred Greer (Stanford Graduate School of Business) shares her research on how even a small conflict among individuals can simmer, expand, and eventually taint an entire team. She'll walk you through the steps you can take as a manager to intervene before the conflict spreads and does more damage.

After this webinar, you will know:

- How to recognize and diffuse conflict before it becomes toxic to the team
- How to identify the real issues—and when it's necessary to intervene
- How to keep bias in check so it doesn't exacerbate a situation

Registration Link:

<http://www.gsb.stanford.edu/exed/webinars/webinar-past-060915.html>

~~~~~

Great Leaders Grow: The Four Keys to Becoming a Leader for Life

Successful leaders don't rest on their laurels. Leadership is a living process—and life means growth. In this webinar, best-selling authors Ken Blanchard and Mark Miller will share the four keys to increased influence, impact, and leadership effectiveness. Drawing from their new book, *Great Leaders Grow: Becoming a Leader for Life*, they will show you how your capacity to grow determines your capacity to lead.

Using the acronym **GROW**, you'll explore four strategies that leaders must use to challenge and stretch themselves—both on the job and off—to reach their highest potential.

- **G**ain Knowledge
- **R**each Out to Others
- **O**pen Your World
- **W**alk toward Wisdom

Whether you're a CEO or an entry-level employee, don't miss this opportunity to take these important steps in designing your own long-term growth plan—a plan that can lead not only to continuing professional success, but to personal fulfillment as well.

Link to Recording:

<http://www.webex.com/webinars/Great-Leaders-Grow-The-Four-Keys-to-Becoming-a-Leader-for-Life>